

Date: Mon, 1 Nov 93 04:30:21 PST
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #95
To: Ham-Digital

Ham-Digital Digest Mon, 1 Nov 93 Volume 93 : Issue 95

Today's Topics:

 Ham-Digital Digest V93 #92
 HAM Freq question (2 msgs)
 Hooking up Kenwood TM-732A to autopatch
 info on cellular mods - illegal? YES! (3 msgs)
 KPC-3 to HTX-202 cable wiring
 Mac PPP
 MacTCP radio driver?
 NOS FAQ
 Prospective Ham Needs Help
 Question about Apple Computer and packet
 RTTY v. AMTOR v. PACTOR -- dumb question
 What version of NOS to run :-)

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 31 Oct 93 21:05:47 GMT
From: news-mail-gateway@ucsd.edu
Subject: Ham-Digital Digest V93 #92
To: ham-digital@ucsd.edu

I have tried several times to unsubscribe to this list. Please
check the following addresses:

pfink@finkinc.win.net
witch!finkinc@uu4.psi.com
finkinc@witch.witchcraft.com

If you find me on the list, please remove my name and address.

Thank you for your consideration.

Perry

Date: Sun, 31 Oct 1993 18:56:30 GMT
From: csus.edu!netcom.com!netcomsv!bongo!julian@decwrl.dec.com
Subject: HAM Freq question
To: ham-digital@ucsd.edu

In article <CFp8r5.KDA@mailer.cc.fsu.edu> sphillip@freenet2.scri.fsu.edu (Steven Phillips) writes:

>if any, did the FCC open to non HAM opperators?
 ^^^

Where does this capitalisation of "ham radio" into HAM come from? Is it peculiar to Citizens Band? Is it only found on usenet?

--
Julian Macassey, N6ARE. julian@bongo.tele.com

Date: 30 Oct 93 07:28:16 GMT
From: mvb.saic.com!zippy.Telcom.Arizona.EDU!arizona.edu!cerritos.edu!
news.service.uci.edu!usc!yeshua.marcam.com!news.kei.com!@network.ucsd.edu
Subject: HAM Freq question
To: ham-digital@ucsd.edu

I don't know if this is the area to post this, but I was wondering if anybody knows anything about the FCC allowing NON-HAM Liscencees trasmit on a selcted frequency range? Better asked, what frequencies, if any, did the FCC open to non HAM opperators?

Date: 30 Oct 93 18:10:57 GMT
From: sdd.hp.com!caen!nic.umass.edu!risky.ecs.umass.edu!umaecs!
gskibisk@network.ucsd.edu
Subject: Hooking up Kenwood TM-732A to autopatch
To: ham-digital@ucsd.edu

.

Does anyone know the mic connections for the Kenwood TM-732A?
It uses that Kenwood modular-type mic jack and I am trying to hook
it up to an autopatch/repeater controller.

I have the cable (it is a Yaesu cable, but it works) but I don't know
what wire goes to what.

If anyone out there knows the configuration of the TM-732's mic cable,
please email me- it will be greatly appreciated!

Greg N1NJW

GSKIBISK@ecs.umass.edu

Date: Sun, 31 Oct 93 14:22:24 CST
From: swrinde!menudo.uh.edu!junix!unkaphaed!amanda!robert@network.ucsd.edu
Subject: info on cellular mods - illegal? YES!
To: ham-digital@ucsd.edu

jfh@netcom.com (Jack Hamilton) writes:

> Just because there's a law against it doesn't mean it's illegal. It could

Well Jack, I think virtually all police officers would disagree with you
on that one.

--Robert

| Anyone who cannot cope with Morse code is not fully human. At best |
| he is a tolerable subhuman who has learned to wear shoes, bathe, and |
| not make messes in the house. |

Date: Mon, 1 Nov 1993 00:02:03 GMT
From: csus.edu!netcom.com!jfh@decwrl.dec.com
Subject: info on cellular mods - illegal? YES!
To: ham-digital@ucsd.edu

robert@amanda.junix.com (Robert) wrote:
>jfh@netcom.com (Jack Hamilton) writes:

>
>> Just because there's a law against it doesn't mean it's illegal. It could
>
>Well Jack, I think virtually all police officers would disagree with you
>on that one.

The police don't decide what the law is. The courts do.

- -

Jack Hamilton POB 281107 SF CA 94128 USA
jfh@netcom.com kd6ttl@w6pw.#nocal.ca.us.na

Date: Sun, 31 Oct 93 21:17:34 CST
From: swrinde!menudo.uh.edu!junix!unkaphae!amanda!robert@network.ucsd.edu
Subject: info on cellular mods - illegal? YES!
To: ham-digital@ucsd.edu

jfh@netcom.com (Jack Hamilton) writes:

```
> robert@amanda.jpunix.com (Robert) wrote:  
> >jfh@netcom.com (Jack Hamilton) writes:  
> >  
> >> Just because there's a law against it doesn't mean it's illegal. It could  
> >  
> >Well Jack, I think virtually all police officers would disagree with you  
> >on that one.  
>  
> The police don't decide what the law is. The courts do.
```

Exactly my point. And if I were to go out and rob a store, and then give the arresting officer YOUR response ("Just because there's a law against it doesn't mean it's illegal.") I would think the policeman would have himself a good laugh. I wonder if Sirhan Sirhan or Charlie Manson have used your excuse before as well.

--Robert

| Anyone who cannot cope with Morse code is not fully human. At best |
| he is a tolerable subhuman who has learned to wear shoes, bathe, and |
| not make messes in the house. |

Date: 31 Oct 93 23:19:08
From: swrinde!elroy.jpl.nasa.gov!news.larc.nasa.gov!larry.larc.nasa.gov!
partos@network.ucsd.edu
Subject: KPC-3 to HTX-202 cable wiring
To: ham-digital@ucsd.edu

I wired my HTX-202 exactly like the ICOM 2AT as shown on p. G9 of the "Getting Started" manual, except I used a 2200 ohm resistor instead of the 3900 ohm. I wired the sleeves of both plugs to pin 6. I used mono plugs. I first tried the internal jumper approach; it didn't work.

--
|-----|
| Richard D. Partos KE4AZJ Norfolk, VA |
Internet: r.d.partos@larc.nasa.gov

Date: Sat, 30 Oct 93 21:00:49 -0400
From: sdd.hp.com!usc!howland.reston.ans.net!pipex!sunic!psinntp!psinntp!
wlnntp.psi.com!usenet@network.ucsd.edu
Subject: Mac PPP
To: ham-digital@ucsd.edu

Oooopps... make that 2.0.2. Sorry.

Rumor has it that this app has been updated to 2.2. Checkout out
ftp.tidbits.com in the /pub/tidbits/ subdirectory.

>DATE: 27 Oct 93 15:01:38 GMT
>FROM: J. Rossi <jr10@leicester.ac.UK>
>
>This is found at merit.edu in /pub/ppp under the name macppp2.0.hqx
>

Terry M. Stader, KA8SCP, America Online (AOL) Ham Radio Club Host
Macintosh Amateur Radio Software List Maintainer
Internet: tstader@aol.com or p00489@psilink.com
Packet: KA8SCP@WA1PHY.#EMA.MA.USA.NOAM

Terry M. Stader, KA8SCP, America Online (AOL) Ham Radio Club Host
Macintosh Amateur Radio Software List Maintainer
Internet: tstader@aol.com or p00489@psilink.com
Packet: KA8SCP@WA1PHY.#EMA.MA.USA.NOAM

Date: 1 Nov 93 12:54:23 +1000

From: munnari.oz.au!newshost.anu.edu.au!sserve!hhcs.gov.au!hhcs.gov.au!
news@uunet.uu.net
Subject: MacTCP radio driver?
To: ham-digital@ucsd.edu

In article <t51-261093090208@ether130.adp.wisc.edu> Tom Landmann,
t51@osnnov1.adp.wisc.edu writes:

>> I've installed the MacPPP LAP for MacTCP on my LCIII and use it to
> Is there an FTP site for this driver?

U-Mich and info-mac both have it.

I got it from archie.au.

Carl.

--
Carl Makin (VK1KCM) "Speaking for myself only!"
makinc@hhcs.gov.au (Internet) / vk1kcm@vk1kcm.act.aus.oc (Packet Radio)
'The best book on programming for the layman is "Alice in Wonderland";
but that's because it's the best book on anything for the layman.'

Date: Sun, 31 Oct 1993 02:23:47 GMT

From: Germany.EU.net!mcsun!sun4nl!hacktic!utopia.hacktic.nl!globv1.hacktic.nl!
peter@uunet.uu.net
Subject: NOS FAQ
To: ham-digital@ucsd.edu

turini@ariel.gdls.com (Bill Turini) writes:

>Could someone point me to the NOS FAQ, and any other information on NOS.

I found my copy on ucsd.edu I think. I'm not sure which directory, but it's gotta be somewhere below /hamradio/packet/tcpip. Probably in a text or docs directory.

Groetjes,
Peter Busser

--
Linux, the choice of a GNU generation.

Date: 31 Oct 1993 21:45:55 -0600
From: swrinde!cs.utexas.edu!geraldo.cc.utexas.edu!austin.lockheed.com!not-for-mail@network.ucsd.edu
Subject: Prospective Ham Needs Help
To: ham-digital@ucsd.edu

The following is posted to see if someone can provide some real help. Please reply to his E-Mail address as he may not be aware of this newsgroup.

Thanks, Dick KD5VU

Return-Path: <u21604@uicvm.uic.edu>
Date: Fri, 29 Oct 93 16:42:46 CDT
X-Sender: u21604@128.248.2.50
Subject: Packet radio

Could you please help me out. I found your name in a packet-radio data base and I'm trying to find out more about this world. Am I right that packet-radio means access to the internet by connecting a computer up to a ham radio which communicates with a satellite which is somehow connected to the internet?

The reason I ask is because my brother has a computer and a ham radio and is an engineer working in third world development in Zaire, Africa. Communications are horrible there and this would be one incredible miracle if something like this could be established. If I'm on the right track, how does a person get started?

Thanks in advance for any help you can give me.

Larry Fountain
University of Illinois College of Medicine -- Rockford
Network Administrator, Department of Medicine
(815) 395-5645

Date: 26 Oct 93 19:35:11 GMT
From: newsfeed.rice.edu!lub001.lamar.edu!lairdpg@beaver.cs.washington.edu
Subject: Question about Apple Computer and packet
To: ham-digital@ucsd.edu

I have a question which I hope someone might help me to answer. Can an Apple IIC computer be used for packet operations? I don't recall hearing or seeing any information about its use in packet communications. If so, what

type of TNC and software might one use to get it setup for operation?
I would appreciate any comments on this question. Thanks in advance.

EMAIL:LAIRDGP@LUB001.LAMAR.EDU

Date: 31 Oct 93 12:15:37 GMT

From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!pipex!sunic!
news.funet.fi!nntp.hut.fi!snakemail.hut.fi!mnoromaa@network.ucsd.edu
Subject: RTTY v. AMTOR v. PACTOR -- dumb question
To: ham-digital@ucsd.edu

In <CFowvs.Anq@world.std.com> dts@world.std.com (Daniel T Senie) writes:

>PACTOR sounds like AMTOR, only the data bursts are longer. Sorta like slow
>crickets. Pactor is also an acknowledged protocol, and has the advantages of
>higher speed (under good conditions), upper AND lower case, and the ability
>to run it on transceivers that do not handle Amtor's fast switching times.

I don't work pactor (yet?), but I have worked rtty very much and some amtor
as well. Now, I would be interested in hearing a little more about pactor's
benefits. Specifically one question has been on my mind lately: does pactor
send backspace (or del) characters? I remember that the major shortcoming
of amtor was that correcting typing errorsxxxx errors was vvvxxxxx very
inflexible. See the point?

If pactor has this capability, I think I should consider upgrading my KAM
sometime. Otherwise... well, maybe I'm not interested.

--

Mikko Noromaa -- Amateur radio callsign: OH3LIM
email: Mikko.Noromaa@hut.fi -- Pkt addr: OH3LIM@OH3RBA.#HML.FIN.EU

--

Mikko Noromaa -- Amateur radio callsign: OH3LIM
email: Mikko.Noromaa@hut.fi -- Pkt addr: OH3LIM@OH3RBA.#HML.FIN.EU

Date: 1 Nov 1993 04:13:07 GMT
From: koriel!male.EBay.Sun.COM!jethro.Corp.Sun.COM!exodus.Eng.Sun.COM!bauhaus!
cliffs@ames.arpa
Subject: What version of NOS to run :-(
To: ham-digital@ucsd.edu

I'm trying to find a version of NOS that has both PPP and RSPF,
anyone know where to get this? I'm running nosview that has
nos_20m, but that does not have PPP or RSPF even though the
docs mention it...help...

Cliff

--
Cliff Skolnick | "It's funny how as we grow old we cling to the
cliffs@sun.com | past as we cling to the air, and feel nostalgia
(415) 336-5820 | for things that were maybe never there."
I think. I am. | -- The The

Date: 31 Oct 1993 20:45:42 -0800
From: swrindle!emory!europa.eng.gtefsd.com!library.ucla.edu!agate!apple.com!
apple.com!not-for-mail@network.ucsd.edu
To: ham-digital@ucsd.edu

References <fede0001.751741029@gold.tc.umn.edu>,
<199310271554.AA31242@trac3000.ueci.com>, <CFKo2K.K9s@freenet.carleton.ca>
Subject : Re: Info on TCP/IP over radio

In article <CFKo2K.K9s@freenet.carleton.ca>,
Russ Renaud <ae517@Freenet.carleton.ca> wrote:
>
>Perhaps a more pertinent question would be if the various authors of
>Amateur TCP/IP NOS have any objection to educational institutes or
>government agencies using this software outside of amateur radio
>applications. Could commercial interests "hack" the source code, which I
>understand is readily available, repackage it and sell it?

Here are excerpts from Phil Karn's copyright notice for his KA9Q package:

The "KA9Q NOS" networking package is copyright 1992 by Phil Karn, KA9Q.
All rights reserved. Permission is hereby granted for the free copying
and use of this package by radio amateurs and non-profit educational
institutions. I.e., to hams and schools, it is "freeware".

Use of this software by commercial or governmental organizations is on a
"shareware" -- not freeware -- basis. That is, a prospective commercial
or governmental user may copy and evaluate the software for his or her
application. If it is to be used beyond evaluation purposes, it must be
registered for \$50/copy (see address below).

The right conferred by the registration fee to use the software in a commercial or government organization is limited to those portions of the NOS package that are the sole work of Phil Karn, KA9Q. Certain portions of the package, in particular the email subsystem, were contributed by others with the understanding that they would be used for amateur radio and educational purposes only. Any commercial or governmental use of these portions requires an agreement with the appropriate author(s). Each source code file includes an appropriate authorship and copyright statement.

...

OEM licenses for the inclusion of part or all of the Karn-authored portions of NOS into commercial networking software products are available on an individually negotiated basis. Discounted site licenses (e.g., for large-scale internal use) are also available.

The full copyright notice is available on ucsd.edu in the hamradio/packet/tcpip/ka9q directory.

Patty

--
===== Patty Winter =====
Apple contractor Internet: winter@apple.com
Sunnyvale, California AMPRNet: 44.4.4.50
"What about truth? What about reality?"
"What about the way the old ending tested in Canoga Park?"
===== N6BIS =====

Date: Sat, 30 Oct 1993 15:45:47 GMT
From: library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!nntp.cs.ubc.ca!alberta!
nebulus!ve6mgs!mark@network.ucsd.edu
To: ham-digital@ucsd.edu

References <CFGxGL.5zB@cup.hp.com>, <CFHs74.44A@ve6mgs.ampr.ab.ca>,
<adlerCFLqqC.CyK@netcom.com>ebulu
Subject : Re: info on cellular mods - illegal? YES!

adler@netcom.com (Bruce Adler) writes:

>I think you've mis-read the ECPA.

I hope I have (I will include section 2512 extracted from the act for you to

be the judge, but you REALLY need to read the entire act to get some context for the sub-section)

>It says absolutely nothing about making it illegal to TELL
>someone how to modify an existing monitoring device or how to build a
>monitor from scratch. I also don't think it makes it illegal for you to
>build such a device as long as you never use it and don't attempt to sell
>it.

Read the following excerpt of 2512, even though you indicate it is against your Freedom of expression rights, this law is balancing the right to privacy against the right to Freedom of expression (Please read the original posting of the ECPA to prove me wrong! This act is SERIOUS! Electronic communications is Cellular, publication includes 'packet'). You will note that it is illegal to TELL ...

>From: Mike Godwin <mnemonic@eff.org>
>Subject: ASCII version of ECPA (interception, stored comm, pen registers)
>Date: Thu, 14 Oct 1993 22:10:47 MST
>Newsgroups:
rec.radio.amateur.digital.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.info
>
><SNIP>
>
>Sec. 2512. Manufacture, distribution, possession, and advertising of
>wire, oral, or electronic communication intercepting devices prohibited
>
> (1) Except as otherwise specifically provided in this chapter, any
>person who intentionally--
>
> (a) sends through the mail, or sends or carries in interstate or
>foreign commerce, any electronic, mechanical, or other device, knowing or
>having reason to know that the design of such device renders it primarily
>useful for the purpose of the surreptitious interception of wire, oral, or
>electronic communications;
>
> (b) manufactures, assembles, possesses, or sells any electronic,
>mechanical, or other device, knowing or having reason to know that the
>design of such device renders it primarily useful for the purpose of the
>surreptitious interception of wire, oral, or electronic communications,
>and that such device or any component thereof has been or will be sent
>through the mail or transported in interstate or foreign commerce; or
>
> (c) places in any newspaper, magazine, handbill, or other publication
>any advertisement of--
>
> (i) any electronic, mechanical, or other device knowing or having

>reason to know that the design of such device renders it primarily useful
>for the purpose of the surreptitious interception of wire, oral, or
>electronic communications; or
>
> (ii) any other electronic, mechanical, or other device, where such
>advertisement promotes the use of such device for the purpose of the
>surreptitious interception of wire, oral, or electronic communications,
>
> knowing or having reason to know that such advertisement will be sent
>through the mail or transported in interstate or foreign commerce,
>
> shall be fined not more than \$ 10,000 or imprisoned not more than five
>years, or both.

Ciao, 73 de VE6MGS/Mark -sk-

Date: Sun, 31 Oct 1993 17:15:44 GMT
From: csus.edu!netcom.com!jfh@decwrl.dec.com
To: ham-digital@ucsd.edu

References <CFHs74.44A@ve6mgs.ampr.ab.ca>, <adlerCFLqqC.CyK@netcom.com>, <CFpvsC.Fwz@ve6mgs.ampr.ab.ca>
Subject : Re: info on cellular mods - illegal? YES!

mark@ve6mgs.ampr.ab.ca (Mark Gregory Salyzyn) wrote:

>Read the following excerpt of 2512, even though you indicate it is against
>your Freedom of expression rights, this law is balancing the right to
>privacy against the right to Freedom of expression (Please read the
>original posting of the ECPA to prove me wrong! This act is SERIOUS!
>Electronic communications is Cellular, publication includes 'packet'). You
>will note that is it illegal to TELL ...

Just because there's a law against it doesn't mean it's illegal. It could
be that the law itself is illegal - that's up to the courts to decide.

--

Jack Hamilton POB 281107 SF CA 94128 USA
jfh@netcom.com kd6ttl@w6pw.#nocal.ca.us.na

End of Ham-Digital Digest V93 #95
